

Title (en)
POLYURETHANE BASED BALLPOINT INKS

Title (de)
AUF POLYURETHAN BASIERENDE KUGELSCHREIBERTINTEN

Title (fr)
ENCRE POUR STYLO À BILLE A BASE DE POLYURETHANE

Publication
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Application
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Abstract (en)
[origin: WO02100960A1] A non-erasable ink composition suitable for use in writing instruments is described comprising an isocyanate free thermoplastic polyurethane resin, a colorant and an organic solvent. The ink composition may also include a second resin, plasticizers, antioxidants, corrosion inhibitors, lubricants, chemical dispersants, and surfactants. The inks of the present invention exhibit a smooth writing performance and non-seepage.

IPC 8 full level
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WO 02100960 A1 20021219; AR 034445 A1 20040225; AU 2002314926 B2 20071206; BR 0210289 A 20040629; BR 0210289 B1 20131105; CA 2449585 A1 20021219; CA 2449585 C 20100928; CN 100352869 C 20071205; CN 1538997 A 20041020; EP 1404768 A1 20040407; EP 1404768 A4 20050126; EP 1404768 B1 20200422; HK 1070668 A1 20050624; JP 2004530037 A 20040930; JP 4463547 B2 20100519; KR 100789039 B1 20071226; KR 20040010691 A 20040131; MX PA03011231 A 20040226; MY 137238 A 20090130; PL 366793 A1 20050207; RU 2004100237 A 20050627; TW I295310 B 20080401; US 2003055127 A1 20030320; US 6797748 B2 20040928; ZA 200309635 B 20050223

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